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84	<del>                                     </del>	4,952,213		8/1990		Bowman, et al					
		5,190,547		2/1993	1	arber, Jr., et a					
		5,395,376		7/1995		Caspari, et al.		<u></u>			
1,		6,200,316 B1			Z	wirkoski, et a	1.				
DW		6,558,421		6/2003	<u></u>	Fell, et al.					
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5W,		WO 01/91647 A1	WO 01/91647 A1		06/2001 PCT				Abstract		
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Examiner Signature

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56		WO 97/23172		07/03/97	PCT		0 2 7				
SWI		WO 99/60939		12/02/99	PCT		0 2 7				
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		OTHER DOCU	ΜE	NTS (Including	g Author, Title, Date, Perl	inent F	Pages, Etc.)				
47					ll Knee Arthroplasty," B 96/3803_july/special_48		Hospital Journal Ssue				
04		Delugie et al. "	1113.1 1210	tia alianment	and the adduction mome	ent in 11	inicompartmental arthroplasty				
- 1		petiants " Prese	مان مدر	d at NACOR	08: North American Cor	oress i	on Biomechanics, University				
		of Waterloo, O	ntai	rio, Canada, A	ugust 14-18, 1998.						
		DiGioia et al., (	Cor	nputer Assiste	d Orthopedic Surgery, C	Clinical	l Orthopaedics, September				
		1998, Volume 3	354	, pp. 8-16.							
		Foley et al., "Pe	erci	itaneous pedio	le screw fixation of the	lumbai	r spine," Neurosurg. Focus,				
		Vol. 10(4), pp.	1-8	(2001).							
		Keifer et al., Co	omp	outer Aided K	nee Arthroplasty Versus	Conve	entional Technique - First				
1						y for C	Computer Assisted Orthopedic				
		Surgery (Davos	s, S	witzerland, Fe	b. 8-10, 2001).						
		Kunz et al., De	velo	opment and V	erification of a Non-CT	Based	Total Knee Arthroplasty				
		System for the	LC	S Prosthesis, I	First Annual Meeting of	the Int	ernational Society for				
		Computer Assis	stec	Orthopedic S	Surgery (Davos, Switzerl	and, F	eb. 8-10, 2001).				
		Picard et al., Kı Orthopedic Sur	nee ger	nav.TKR: Col v USA 2000 l	ncept and Clinical Applications, Pittsburgh, PA.	cation , June	(Computer Assisted 15-17, 2000).				
		Saragaglia et al	C	Computer Assi	sted Total Knee Arthrop	lasty: (	Comparison with a				
		Conventional P	roc	edure, First A	nnual Meeting of the Int	ernatio	onal Society for Computer				
					avos, Switzlerland, Feb.						
. 7		Simon et al., Th	ne F	undamentals	of Virtual Fluoroscopy,	Medtro	onic Surgical Navigation				
<b>\</b> }/		Technologies, I	Med	dtronic, pp. 57	7-66 (Computer Assisted	Ortho	pedic Surgery USA 2000				
Ψ		Meeting, Pittsb	urg	h, PA, June 1	5-17, 2000).						
- \		Tenbusch et al.	, Fi	rst Results Us	ing the Robodoc System	for To	otal Knee Replacement, First				
- <b>Si.</b> )	Annual Meeting of the International Society for Computer Assisted Orthopedic Surgrey										
000		(Davos, Switzerland, Feb. 8-10, 2001).									
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Docket No.: 50642/270981

Application No. 10/084,012

Applicant:

C. Carson

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\$1.	5,383,454	01/24/95	Bucholz			
719	5,389,101	02/14/95	Helibrun et al.			
	5,603,318	02/18/97	Heilbrun et al.			
	5,643,268	07/01/97	Vilsmeier et al.			
	5,682,886	11/04/97	Delp et al.		10	
	5,702,406	12/30/97	Vilsmeier et al.		8	REO FILO
	5,748,767	05/05/98	Raab		- BC	= 'O
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<del></del>	5,792,147	08/11/98	Evans et al.		=	2002
	5,799,055	08/25/98	Peshkin et al.			155
<del>-/ -   -</del>	5,807,252	09/15/98	Hassfeld et al.		7	<u> </u>
+ +	5,836,954	11/17/98	Heilbrun et al.			<u> </u>
	5,871,018	02/16/99	Delp et al.			<u> </u>
1 1	5,871,445	02/16/99	Bucholz			
<del>                                     </del>	5,880,976	03/09/99	DiGioia III et al.			
1	6,002,859	12/14/99	DiGioia III et al.			<u> </u>
	6,016,606	01/25/00	Oliver et al.			
	6,069,932	05/30/00	Peshkin et al.			
	6,083,163	07/04/00	Wegner et al.			
+	6,146,390	11/14/00	Heilbrun et al.			
1	6,165,181	12/26/00	Heilbrun et al.			
1	6,190,320 B1	02/20/01	Lelong			
1 - 1	6,198,794 B1	03/06/01	Peshkin et al.			
<del>  </del>	6,226,548 B1	05/01/01	Foley et al.			
<del> </del>	6,235,038 B1	05/22/01	Hunter et al.			
	6,236,875 B1	05/22/01	Bucholz et al.			
	6,249,581 B1	06/19/01	Kok			
<del></del>	6,285,902 B1	09/04/01	Kienzle, III et al.			
<del>-   -  </del> -	6,332,891 B1	12/25/01	Himes			
1/	6,344,853 B1	02/05/02	Knight			
<del>-4/- </del>	6,347,240 B1	02/12/02	Foley et al.			
32	6,351,659 B1	02/26/02	Vilsmeier			
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- (	CROITORU E	T AL Fixation	-Based Surgery: A N	lew Techi	nique for Distal	Radius	
(200)	Osteotomy, Cli	inical Paper, Co	mputer Aided Surger	y 2001, 1	60-169, Vol. 6.		
100	IYUN ET AL.	Planning and P	Performing the Ilizaro	v Method	with the Taylor	Spatial Frame,	
5W	Abstract, at 2 <sup>nd</sup>	Annual Meetin	g of International So	ciety for C	Computer Assiste	ed Orthopaedic	
/ -	Surgery, June 2	21, 2002.		_			
	KRAUSE, Cor	nputer-Aided B	one Deformity Corre	ction, http	://www.nd.edu/-	~gcopping/files/	
1201		, May 21, 2001.					
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Sheet 1 of 1

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TO	Delp, et al., "Com (1998)	puter-Assisted Knee	Replacement," Clinica	al Orthopaedi	cs and R	elated Researc	ch, 354:49-56		
50	Ellis, et al., "A Su Surgery, 4(5):264	-274 (1999)	Guidance System for I						
810)	2001	•	er Assisted Orthopedic						
82	http://www.utc.fr/	Munoz, et al., "Computer Assisted Planning of Hig Tibial Osteotomy for the Treatment of Knee Osteoarthritis, http://www.utc.fr/esb/esb09/abs_htm/570.html (02/21/2002) (three pages)							
3~~	Stryker Navigatio	n System brochure o	entitled "best alignme	ent for gap kin	ematics,	" two pages (u	ndated)		
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